

1. Simulated concentrations from fate and transport groundwatermodel compared to measured concentrations obtained in 2005/2006.

 Basemap from: "Remedial Investigation/ Feasibility Study Report Sauget Area 2", URS Corporation, St. Louis, Missouri, January 30, 2004.

3. The residual value plotted is the difference between simulated and measured values. Positive residuals indicate model overestimation while negative residuals indicate model underestimation.

## Well ID Residual in mg/L

## **LEGEND**

Model Under Predicts by

> 2 mg/L

1.5 - 2 mg/L

1.0 - 1.5 mg/L

0.5 - 1.0 mg/L

up to 0.5 mg/L

## Model Over Predicts by

> 2 mg/L

1.5 - 2 mg/L

1 - 1.5 mg/L

0.5 - 1 mg/L

up to 0.5 mg/L



Scale:	As Shown	FIGURE 103
Revise	d: 	Approved By: CJN
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**Spatial Correlation Between Simulated and Measured Concentrations** Vinyl Chloride: Deep Hydrogeologic Unit (Layer 3 in Model)

> REGIONAL GROUNDWATER FATE AND TRANSPORT MODEL American Bottoms Aquifer